

Access Point EAP610GP-Desktop

EAP610GP AX1800 Wi-Fi 6 Desktop GPON Access Point
Seamless 1.8 Gbps WiFi 6 Speeds: 1201 Mbps on 5 GHz & 574 Mbps on 2.4 GHz
1× GPON Port for High-Speed and Ultra-Range Access
Ultra-Broadband WiFi 6: MU-MIMO, Seamless Roaming



Detailed

Hardware Features	
Interface	• 1x GPON Port • 1x FXS Port • 4x Gigabit RJ45 Ports (One Supporting 802.3af PoE Out)
GPON Interface	• Port Type: SC-APC • Standards and Protocols: ITU-984.x, G.988, Class B+ • Data Rate: 2.488 Gbps (Downstream); 1.244 Gbps (Upstream) • Fiber Type: 9/125 um Single mode • Max. Cable Length: 20 km
Button	• Reset • LED
Power Supply	53.5V/0.81A DC
Power Consumption	17.3W (PoE Out Off)

Weight	492g
Dimensions (W x D x H)	6.9 × 5.5 × 1.3 in (175 × 140 × 33 mm)
Antenna Type	Internal Omni • 2.4 GHz: 2× 5 dBi • 5 GHz: 2× 4.5 dBi
Mounting	Desktop / Wall mouting (Kits included)

WIRELESS FEATURES	
Coverage	140㎡(1500ft²)**
Concurrent Clients	120+*
Wireless Standards	IEEE 802.11 a/b/g/n/ac/ax
Frequency	2.4 GHz and 5 GHz
Signal Rate	• 5 GHz: 1201 Mbps[†] • 2.4 GHz: 574 Mbps
Wireless Functions	• 2×2 (2.4G & 5G) MU-MIMO[‡] • HE80 (80 MHz Bandwidth)[‡] • OFDMA[‡] • Seamless Roaming[§] • Multiple SSIDs (16 SSIDs, 8 on each band) • Enable/Disable SSID Broadcast • Enable/Disable Wireless Radio • Guest Network • Automatic Channel Assignment • Beamforming • Rate Limit • Band Steering • Load Balance • Airtime Fairness • Transmit Power Control (Adjust Transmit Power on dBm) • QoS (WMM) • RADIUS Accounting • MAC Authentication • Reboot Schedule • Wireless Schedule and Statistics • Static IP/Dynamic IP
Wireless Security	• Captive Portal Authentication[§] • Access Control • Wireless Mac Address Filtering • Wireless Isolation Between Clients • VLAN • Rogue AP Detection • 802.1X Support • WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise
Transmission Power	• CE: • FCC:

MANAGEMENT	
Omada App	Yes

Centralized Management	• Omada Hardware Controller (OC300, OC200) • Omada Software Controller • Omada Cloud-Based Controller
Cloud Access	Yes. Require the use of OC300, OC200, Omada Cloud-Based Controller, or Omada Software Controller.
Email Alerts	Yes
LED ON/OFF Control	Yes
Management MAC Access Control	Yes
SNMP	v1, v2c, v3
System Logging Local/Remote Syslog	System Log
SSH	Yes
Web-based Management	Yes
Zero-Touch Provisioning	Yes. Require the use of Omada Cloud-Based Controller.

OTHERS	
Certification	CE, FCC, RoHS, IC
Package Contents	• EAP610GP-Desktop • Desktop/Wall Mounting Kit • Installation Guide
System Requirements	Microsoft Windows XP, Vista, Windows 7, Windows 8, Windows10, Windows11, Linux
Environment	• Operating Temperature: 0-40 °C (32-104 °F) • Storage Temperature: -40-70 °C (-40-158 °F) • Operating Humidity: 10-90% RH non-condensing • Storage Humidity: 5-90% RH non-condensing